

Work Order ID 134579

Thursday, July 09, 2015 12:52:21 PM

134579

Page 1

Item ID: D412-742-013 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible
 Start Date: 7/9/2015 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 7/16/2015 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: MJC Date: 5.7.9 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D412-742	E	9A.							
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D412-742-013	CHG007							
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

DA
27
9-39
JUL 20 2015

MJC 1507-17

① J.A. JUL 13 2015

JMS
15/1/10

B134270

Work Order ID 134579

Thursday, July 09, 2015 12:52:21 PM

134579

Page 2

Item ID: D412-742-013

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 7/16/2015 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-742-013 Location: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

JUL 19 2015

DAS
6
8-89

MCS JUL 20 2015

MF
15-7-20

Picklist Print

Page 1

Thursday, July 09, 2015 12:52:17 PM

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

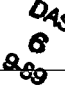
Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A05.10.13New Issue KJ/JLM
 IPP Rev:B 06-06-08 As per DSI9336 JLM IPP RevC
 07-12-03 ECN 1072 DD verified by:JLM
 IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC
 IPP Rev:E 09-01-23 as per DSI9441 DD verified by:EC IPP RevF: add
 AN4C7A DD 10.01.13 verified by:EC IPP Rev:G 11.11.01 as per
 DSI9517 REV.B DD verified by:EC IPP rev:H 12.01.12 PER IIN
 REV.E DD VERF: IPP Rev:I add AN4C47A DD 12.03.14
 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4C47A		Purchased	No			110	Each	10.0000	4	4			
AN4C47A									**	132717			
Bolt													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				FG				10					
								10					
D412-742-043		Manufactured	No			110	Each	0.0000	1	1			
D412-742-043									**	B13420			
Repl. Skidtube Fits LH or RH, High Gear, DART (Apical) Tri-Bag Float Comp.													
D2571		Manufactured	No			110	Each	13.0000	1	1			
D2571									**				
Saddle, Fwd, Out													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST397				9					
								9					
				ST405				4					
								4					
				119178				4					

JUL 13 2015

Picklist Print

Page 2

Thursday, July 09, 2015 12:52:17 PM

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

D2572 Manufactured No 110 Each 20.0000 1 1

D2572

Saddle, Fwd, In

Location	Loc Qty	Loc Code
ST397	16	
(31069)	16	
ST405	4	
119179	4	

DAS
27
9-89

J.A.

9-89

D2573 Manufactured No 110 Each 4.0000 1 1

D2573

Saddle, Aft, Out

Location	Loc Qty	Loc Code
ST405	4	
119180	4	

J.A.

68-6
9
SVD

D2574 Manufactured No 110 Each 9.0000 1 1

D2574

Saddle, Aft, In

Location	Loc Qty	Loc Code
ST398	5	
(128969)	1	
131143	4	
ST405	4	
119181	4	

DAS
27
9-89

J.A.

9-89

D2876 Manufactured No 110 Each 39.0000 2 2

D2876

Saddle Spacer

Location	Loc Qty	Loc Code
ST025A	39	
120246	1	
(28431)	38	

DAS
27
9-89

JUL 13 2015

9-89

Thursday, July 09, 2015 12:52:17 PM

Shop Packet Print

Page 2

Picklist Print

Page 3

Thursday, July 09, 2015 12:52:17 PM

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

D2877

Manufactured No

110

Each

64.0000

2

2

D2877

Saddle Spacer

DAS
27
9-89

Location

Loc Qty

Loc Code

ST013

10

133170

10

ST025A

54

119598

2

128495

40

131919

12

2 J.A

D3403-1

Manufactured No

110

Each

29.0000

8

8

***D3403-1* ***

Bushing

DAS
27
9-89

Location

Loc Qty

Loc Code

ST034

1

133079

1

ST037

28

129784

7

88782

21

1 J.A

D3403-5

Manufactured No

110

Each

61.0000

8

8

D3403-5

Bushing

DAS
27
9-89

Location

Loc Qty

Loc Code

ST035

41

133463

9

88784

32

ST037

20

133154

20

133463

0

88784

0

8

JUL 13 2015

Thursday, July 09, 2015 12:52:18 PM

Shop Packet Print

Page 3

Picklist Print

Thursday, July 09, 2015 12:52:18 PM

Page 4

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

D2747

Manufactured No

110

Each

127.0000

4

4

D2747

Set Screw

DAS
27
9-89

Location

Loc Qty

Loc Code

ST010

27

119525

5

133459

22

ST012a

100

127549

50

131867

50

4

JA

D3533-1

Manufactured No

110

Each

54.0000

2

2

D3533-1

Set Screw

DAS
27
9-89

Location

Loc Qty

Loc Code

ST048

54

128448

6

132547

48

2

JA

AN4C6A

Purchased No

110

Each

370.0000

16

16

AN4C6A

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

14

103344

4

121657

10

ST312A

4

m131618

4

ST345

352

m130716

52

m131410

200

m132680

100

16

JA

JUL 13 2015

Thursday, July 09, 2015 12:52:18 PM

Shop Packet Print

Page 4

Picklist Print

Thursday, July 09, 2015 12:52:18 PM

Page 5

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

AN4C53A

Purchased

No

110

Each

18.0000

4

4

AN4C53A

BOLT

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST340

18

125730

1

126293

3

m129888

14

4

J.A

AN4C52A

Purchased

No

110

Each

67.0000

4

4

AN4C52A

Bolt

**

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

5

122518

5

ST312A

30

M132169

0

M132522

15

M132674

15

ST340

17

M131856

2

M132381

15

ST341

15

M132169

15

4

J.A

AN6C12A

Purchased

No

110

Each

43.0000

8

8

AN6C12A

Bolt

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST335

43

M128769

3

M132317

40

78

78

J.A

JUL 13 2015

Thursday, July 09, 2015 12:52:18 PM

Shop Packet Print

Page 5

Picklist Print

Thursday, July 09, 2015 12:52:18 PM

Page 6

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

D3672-3 Manufactured No

110 Each 502.0000 32 32

D3672-3

Washer, Phenolic

DAS
27
9-89

Location

Loc Qty

Loc Code

FP001

263

132639

263

ST055

239

129916

15

133083

224

32 JA

NAS1149C0432R Purchased No

110 Each 2,217.000 32 32

NAS1149C0432R

WASHER

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

1948

m125807

476

m131467

1472

ST271

269

m131452

269

32 JA

D3672-9 Manufactured No

110 Each 919.0000 8 8

D3672-9

Washer

DAS
27
9-89

Location

Loc Qty

Loc Code

ST056

389

14963

389

t064a

530

133084

530

8 JA

JUL 13 2015

Thursday, July 09, 2015 12:52:19 PM

Shop Packet Print

Page 6

Picklist Print

Thursday, July 09, 2015 12:52:19 PM

Page 7

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0632R

Purchased

No

110

Each

111.0000

8

8

NAS1149C0632R

WASHER

DAS
27
9-89

Location

Loc Qty

Loc Code

ST271

111

M128812

111

D3672-11

Manufactured

No

110

Each

734.0000

8

8

***D3672-11* ***

Washer

Location

Loc Qty

Loc Code

FG

10

77483

10

ST056

214

121544

214

ST064A

510

133082

510

MS21043-4

Purchased

No

110

Each

870.0000

29

29

MS21043-4

Nut

Location

Loc Qty

Loc Code

FG

40

104603

40

GA

212

m128798

212

ST260a

400

m132536

400

ST304

218

m128818

34

m131697

9

m132382

175

DAS
27
9-89

8 JA

8

8

JA

29

JA

JUL 13 2015

Thursday, July 09, 2015 12:52:19 PM

Shop Packet Print

Page 7

Picklist Print

Thursday, July 09, 2015 12:52:19 PM

Page 8

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

D3403-3

Manufactured No

110

Each

33.0000

8

8

D3403-3

Bushing

DAS
27
9-89

Location

Loc Qty

Loc Code

ST034

25

132765

10

133514

15

ST037

8

127939

8

8

J.A

D3405-041

Manufactured No

110

Each

38.0000

1

1

D3405-041

Gh Lug

DAS
27
9-89

Location

Loc Qty

Loc Code

st529

38

119182

7

119471

31

1

J.A

D3405-043

Manufactured No

110

Each

11.0000

1

1

D3405-043

Gh Lug

DAS
27
9-89

Location

Loc Qty

Loc Code

ST531

11

119183

11

133943

DAS
6
9-89

AN4C7A

Purchased No

110

Each

118.0000

4

4

AN4C7A

BOLT

DAS
27
9-89

Location

Loc Qty

Loc Code

ST312A

100

m127363

100

ST345

18

m128634

6

m130388

12

4

J.A

JUL 13 2015

Thursday, July 09, 2015 12:52:19 PM

Shop Packet Print

Page 8

Picklist Print

Page 9

Thursday, July 09, 2015 12:52:19 PM

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

D3407-041

Manufactured No

110

Each

25.0000

1

1

D3407-041

Tow Ring

**

DAS
27
9-89

Location

Loc Qty

Loc Code

st530

20

133789

20

ST532

5

107840

3

119184

2

1 J.A

2 J.A

D3417-3

Manufactured No

110

Each

43.0000

2

2

D3417-3

Washer

**

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

7

33519

7

ST035

36

128432

36

2 J.A

D3456-1

Manufactured No

110

Each

45.0000

1

1

D3456-1

Washer

**

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

7

25701

7

ST051A

38

128456

3

130974

35

1 J.A JUL 13 2015

Picklist Print

Page 10

Thursday, July 09, 2015 12:52:19 PM

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

AN3C37A

Purchased

No

110

Each

555.0000

1

1

AN3C37A

BOLT

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST338a

555

131651

70

M128773

80

M129650

55

M131367

70

M131856

70

M132169

70

M132381

70

M132522

70

1 J.A

AN3C40A

Purchased

No

110

Each

5.0000

1

1

AN3C40A

Bolt

**

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

5

11442

5

132717

132717

J.A JUL 13 2015

Thursday, July 09, 2015 12:52:20 PM

Shop Packet Print

Page 10

Picklist Print

Page 11

Thursday, July 09, 2015 12:52:20 PM

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

AN3C41A

Purchased

No

110

Each

426.0000

1

1

AN3C41A

Bolt

DAS
8-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FG	10	
122843	5	
124975	1	
m130081	4	
ST338a	325	
131651	75	
m128491	25	
m131367	75	
m132169	75	
m132522	75	
ST347	91	
m131856	16	
m132381	75	

1

J.A

JUL 13 2015

Thursday, July 09, 2015 12:52:20 PM

134579

D412-742-013

Required Date: 7/16/2015

Required Qty: 1.00

1

6
9.89

Loc Code

.....

1

4

1043

Loc Code

11

JA

JUL 13 2015

Picklist Print

Page 13

Thursday, July 09, 2015 12:52:20 PM

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

AN3C46A

Purchased

No

110

Each

195.0000

5

5

AN3C46A

Bolt

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

10

122843

10

ST338a

140

131651

70

M132169

70

ST346

45

M132522

45

2

3

J.A

NAS1149C0332R

Purchased

No

110

Each

4,325.000

26

26

NAS1149C0332R

WASHER

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FP001

2140

m130325

2140

GA

265

m131618

265

ST271

1920

m132262

1920

26

J.A

JUL 13 2015

Thursday, July 09, 2015 12:52:20 PM

Shop Packet Print

Page 13

Picklist Print

Page 14

Thursday, July 09, 2015 12:52:20 PM

Work Order ID: 134579

134579

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) Tri-Bag Float Compatible

Start Date: 7/9/2015

Required Date: 7/16/2015

Start Qty: 1.00

Required Qty: 1.00

MS21043-3

Purchased

No

110

Each

921.0000

13

13

MS21043-3

Nut

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

80

103691

80

FP001

17

m130673

17

GA

213

m130673

15

m131677

198

ST304

211

m131340

199

m132382

12

ST308

400

m132551

400

13

J.A

JUL 13 2015

DART AEROSPACE USA, INC.

DAS
27
9-89

IIN-D412-742
Page 20 of 21

(CONTINUED FROM PAGE 19)

Item	Qty -013	Qty -043	Part Number	Description
40	1		D2571	SADDLE, FWD OUTSIDE
41	1		D2572	SADDLE, FWD INSIDE
42	1		D2573	SADDLE, AFT OUTSIDE
43	1		D2574	SADDLE, AFT INSIDE
44	2		D2876	SADDLE SPACER
45	2		D2877	SADDLE SPACER
46A	8		D3403-1	BUSHING
46B	8		D3403-5	BUSHING
47A	4		D2747	SET SCREW
47B	2		D3533-1	SET SCREW
48	16		AN4C6A	BOLT
49A	4		AN4C52A	BOLT
49B	4		AN4C53A	BOLT
50	8		AN6C12A	BOLT
51A	32		D3672-3	WASHER (REPLACES NAS1515H4L)
51B	32		AN960C416L	WASHER
52A	8		D3672-9	WASHER (REPLACES NAS1515H6L)
52B	8		AN960C616L	WASHER
53	8		D3672-11	WASHER (REPLACES NAS1515H7L)
54	24		MS21043-4	NUT
55	4		AN4C7A	BOLT
56	2		D3591-1	BUSHING
60	8		D3403-3	BUSHING
61	1		D3405-041	GHW LUG
62	1		D3405-043	GHW LUG
63	4		AN4C47A	BOLT
64	4		MS21043-4	NUT
70	1		D3407-041	TOW RING
71	2		D3417-3	WASHER
72	1		MS21043-4	NUT
73	1		D3456-1	WASHER
91	1		AN3C37A	BOLT
92	1		AN3C40A	BOLT
93	1		AN3C41A	BOLT
94	1		AN3C42A	BOLT
95	4		AN3C43A	BOLT
97	5		AN3C46A	BOLT
99	26		AN960C10L	WASHER
100	13		MS21043-3	NUT

*DENOTES PART IS INCLUDED WITH D3391-043 ASSEMBLY ABOVE

**DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

• COPYRIGHT © 2005 BY DART AEROSPACE USA, INC. •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: E
Date: 11.10.19

5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

Item	Qty -013	Qty -043	Part Number	Description
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-043	FLOAT SKIDTUBE
		1	D3391-043	412 FLOAT SKIDTUBE
1		*24	*AN3C4A	*BOLT
3		*10	*AN3C6A	*BOLT
4		*4	*AN3C7A	*BOLT
5		*38	*AN960C10L	*WASHER
21		*1	*D4095-041	*WEARSHOE (REPLACES D3564-1)
22		*1	*D4095-043	*WEARSHOE (REPLACES D3564-3)
23		*1	*D4095-045	*WEARSHOE (REPLACES D3564-5)
10		*1	*D3391-021	*412 FORWARD TUBE
11		**1	**D3401-041	**TOW CAP
12A		**10	**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB166)
13		**10	**AN3C4A	**BOLT
14A		**4	**D3672-1	**WASHER (REPLACES NAS1515H3L)
14B		**10	**AN960C10L	**WASHER
24		**1	**D4095-051	**WEARSHOE (REPLACES D3564-13)
20		*1	*D3391-023	*412 MID TUBE
28		**20	**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB116)
30		*1	*D3391-025	*412 AFT TUBE
25		**1	*D4095-049	**WEARPAD (REPLACES D3537-1)
26		**1	*D4095-047	**WEARPAD (REPLACES D3537-7)
31		**1	**D2646	**AFT CAP
32		**14	**AELS-1032-130	**INSERT
36		**8	**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB366)
37A		**6	**AN3C4A	**BOLT
37B		**4	**AN3C5A	**BOLT
38A		**2	**D3672-1	**WASHER (REPLACES NAS1515H3L)
38B		**10	**AN960C10L	**WASHER

(CONTINUED ON PAGE 20)